

AMENDMENTS TO CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1 - 9. (Canceled)

10. (Currently Amended) A method for ~~operating a field device of automation technology, from a control or engineering system by means of providing a field-device-operating graphical user interface (GUI) and by means of~~ a device description file for the field device, wherein ~~the device description file describes the functionality of the field device comprising the steps of:~~

connecting the field device to ~~the~~ a control system or engineering system that controls a total course of a process or enables direct access for operating, parametering or configuring the field device by way of a field bus wherein data transfer on the field bus occurs on the basis of known integration and standards for field buses;

~~writing a data component of the device description in the form of an XML file;~~

~~writing a presentation component of the device description in the form of an XSL file;~~

loading ~~the~~ a data component and the a presentation component of the device description file together dynamically at run time by means of an appropriate browser, wherein the device description file describes the functionality of the field device, the data component of the device description file is in the form of an XML file, and the presentation component of the device description file is in the form of an XSL file; and

dynamically producing an HTML page, which ~~represents~~ provides a graphical user interface for the field device, from the XML file and the XSL file at run time by means of the browser, wherein the HTML page is displayed by the browser and is dynamically changed in

accordance with a change in the XML file or the XSL file so that the graphical user interface is matched to the field device, and

thereby accomplishing the operation of the field device from the control system or engineering system by way of the graphical user interface GUI[[,]]~~wherein:~~

~~the HTML page displayed by the browser is dynamically changed in accordance with a change in the XML file or the XSL file, so that the graphical user interface is matched to the field device.~~

Claim 11 (Cancelled).

12. (Previously presented) The method as claimed in claim 10, wherein:
the run time environment is a Microsoft platform.

Claim 13 (Cancelled)

14. (Previously presented) The method as claimed in claim 10, wherein:
the presentation component contains information for visualizing and explaining the process component of concern.

15. (Previously presented) The method as claimed in claim 10, further comprising the step of:
providing dynamic, relevant links on the GUI for invoking an online/offline help.

16. (Previously presented) The method as claimed in claim 10, wherein:
the operation includes start-up, maintenance, simulation, data protection, problem removal and device documentation.

17. (Previously presented) The method as claimed in claim 10, further comprising the step of:

using the Internet Explorer of Microsoft® as the browser.

18. (Previously presented) The method as claimed in claim 10, further comprising:
using the Netscape Navigator of Netscape as the browser.

19. (New) A method for providing a field-device-operating graphical user interface (GUI) by means of a device description file for the field device, comprising the steps of:
connecting the field device to a control system by way of a field bus;

loading a data component and a presentation component of the device description file together dynamically at run time by means of an appropriate browser, wherein the device description file describes the functionality of the field device, the data component of the device description file is in the form of an XML file, and the presentation component of the device description file is in the form of an XSL file; and

dynamically producing an HTML page, which provides a graphical user interface for the field device, from the XML file and the XSL file at run time by means of the browser so that the graphical user interface is matched to the field device,

thereby accomplishing the operation of the field device from the control system or engineering system by way of the graphical user interface GUI.

20. (New) The method as claimed in claim 19, wherein:
the run time environment is a Microsoft platform.

21. (New) The method as claimed in claim 19, wherein:
the presentation component contains information for visualizing and explaining the process component of concern.

22. (New) The method as claimed in claim 19, further comprising the step of:
providing dynamic, relevant links on the GUI for invoking an online/offline help.

23. (New) The method as claimed in claim 10, wherein:
the operation includes start-up, maintenance, simulation, data protection, problem removal and device documentation.

24. (New) The method as claimed in claim 19, further comprising the step of:
using the Internet Explorer of Microsoft® as the browser.

25. (New) The method as claimed in claim 19, further comprising:
using the Netscape Navigator of Netscape as the browser.